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FIG. 1

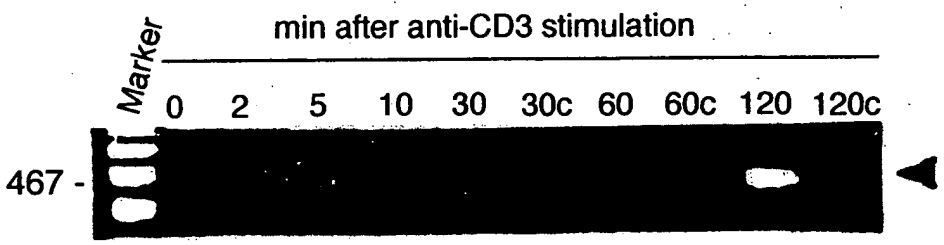

min after anti-CD3 stimulation
Marker
0
2
5
10
30
30c
60
60c
120
120c
467 -

FIG. 2

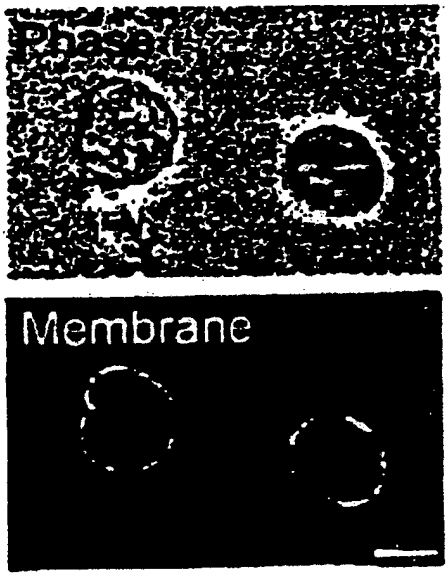

Phase
Membrane

FIG. 3A

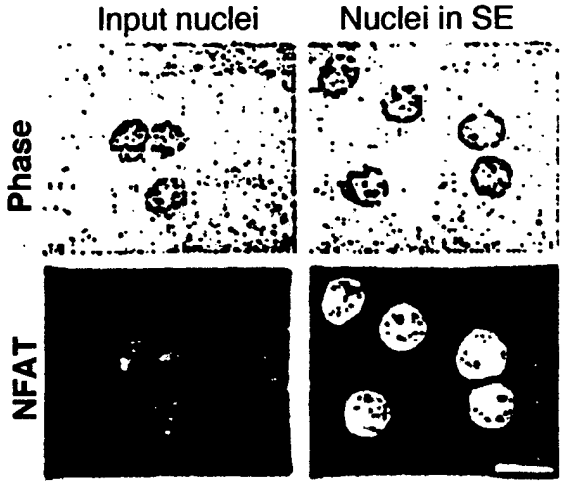


FIG. 3B

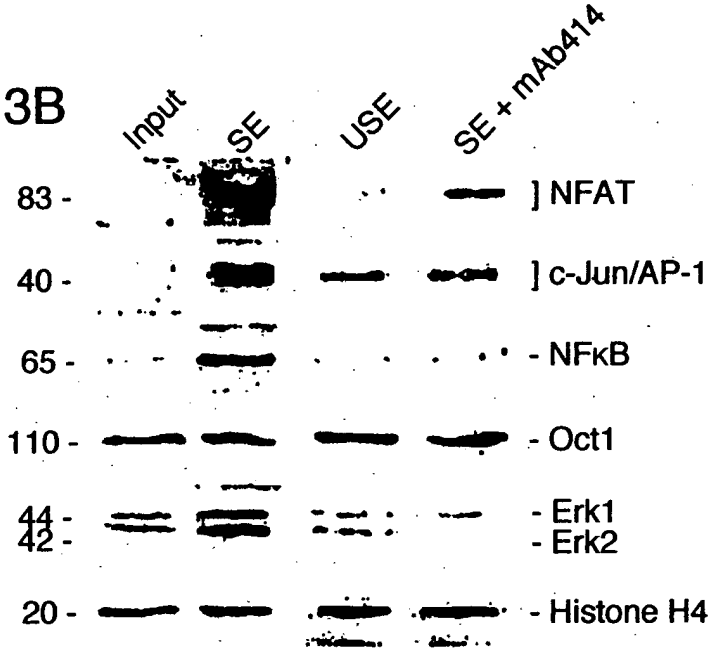


FIG. 3C

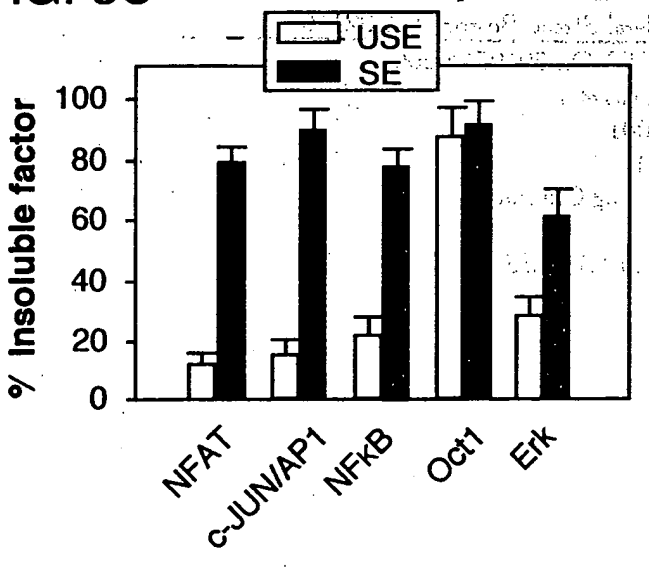


FIG. 4A

FIG. 4B

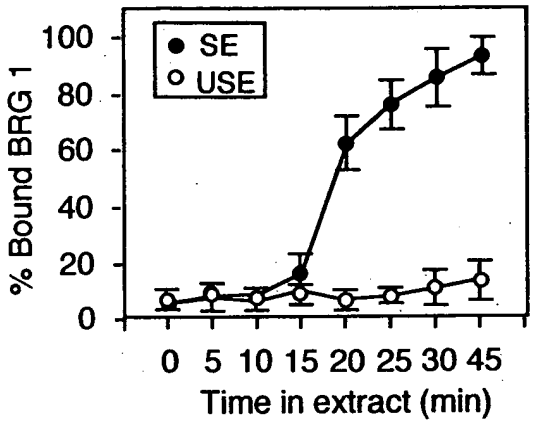


FIG. 4C

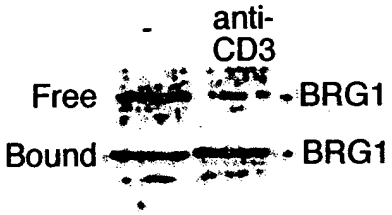


FIG. 4D

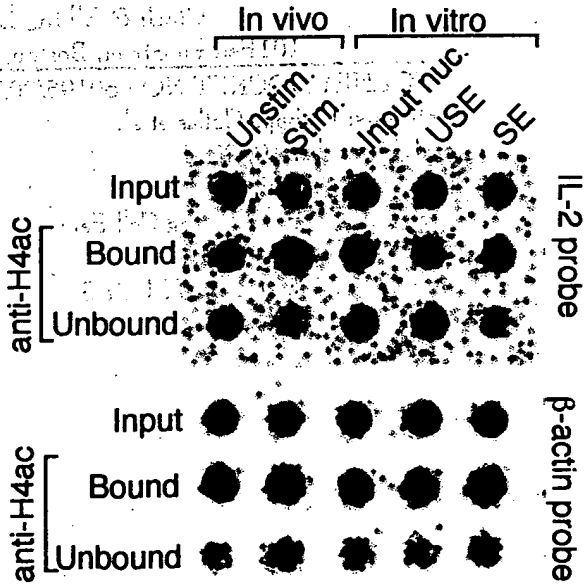


FIG. 5A

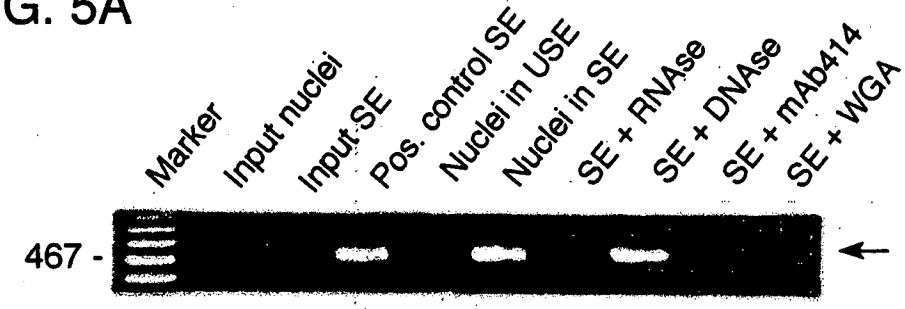


FIG. 5B

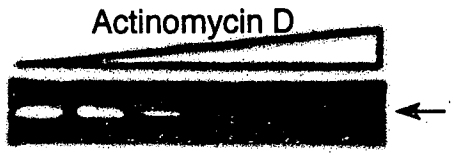


FIG. 5C

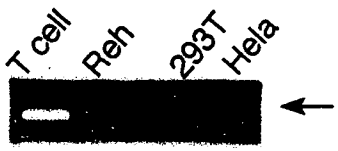


FIG. 6A

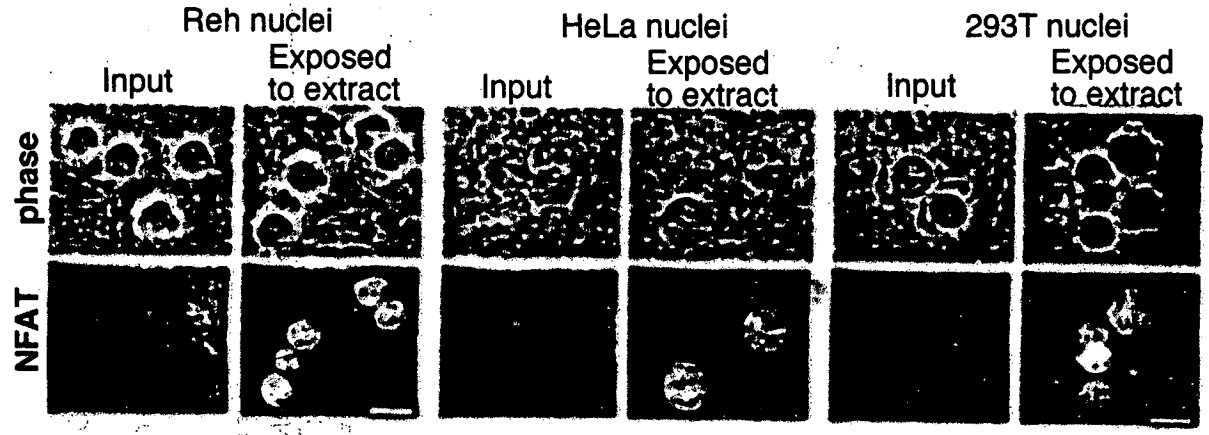

Reh nuclei
HeLa nuclei
293T nuclei
Input
Exposed to extract
Input
Exposed to extract
Input
Exposed to extract
phase
NFAT

FIG. 6B

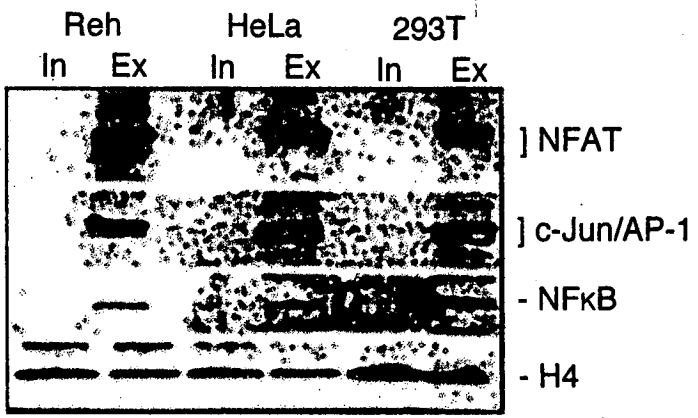

Reh
HeLa
293T
In
Ex
In
Ex
In
Ex
] NFAT
] c-Jun/AP-1
- NFκB
- H4

FIG. 7

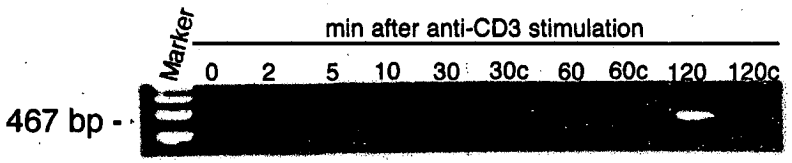


FIG. 8A

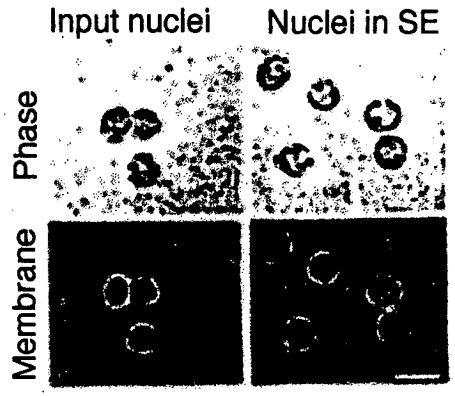


FIG. 8B

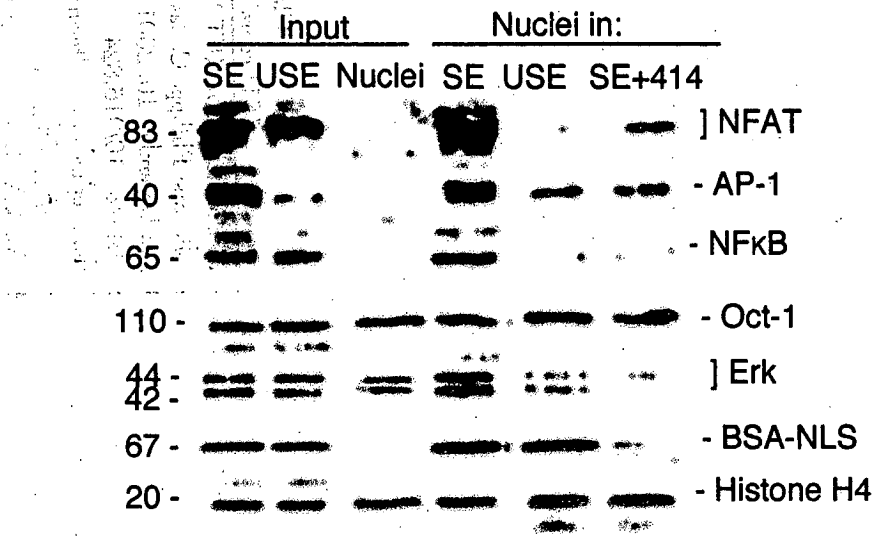


FIG. 8C

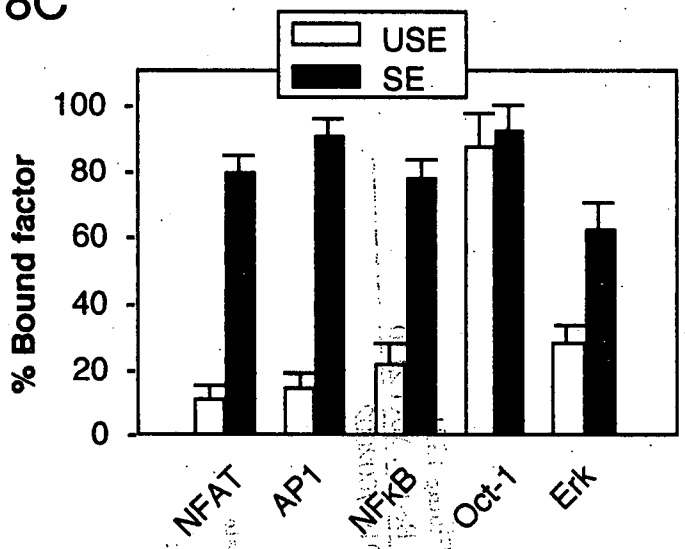


FIG. 8D

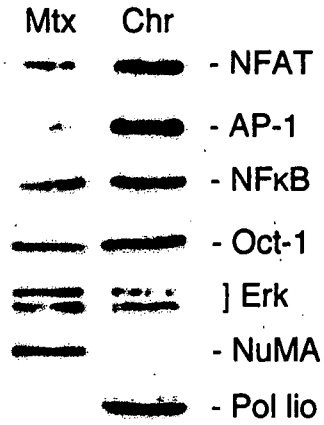


FIG. 9A

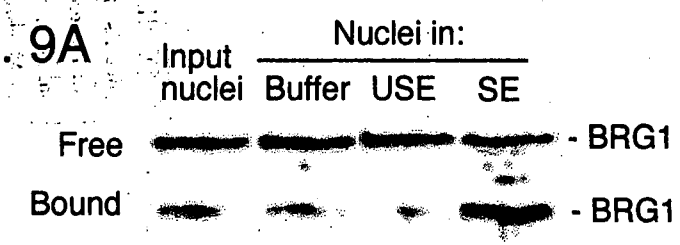


FIG. 9B

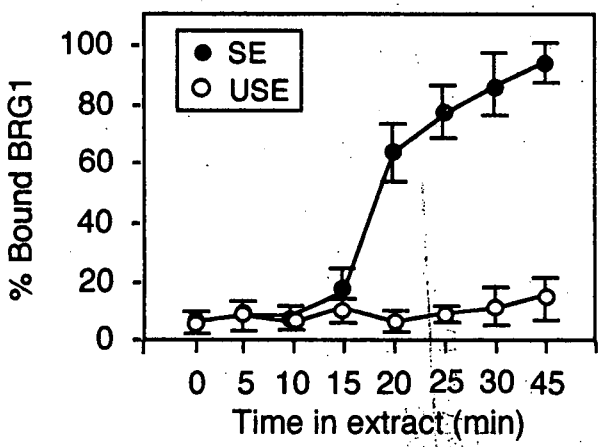


FIG. 9C

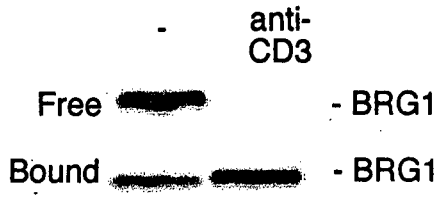


FIG. 9D

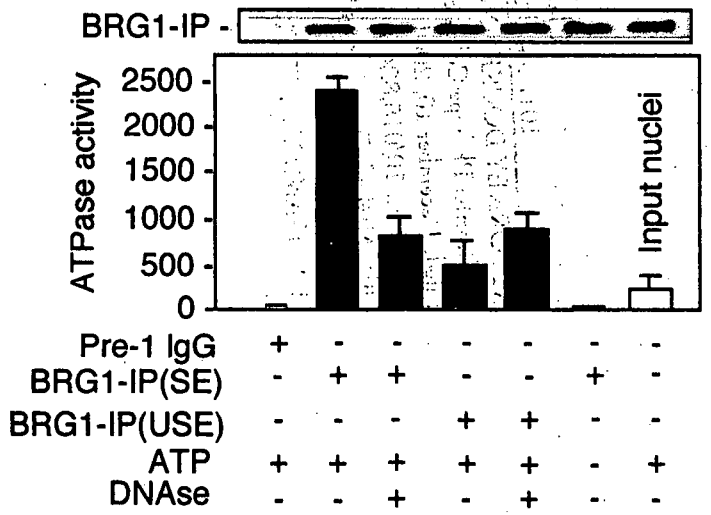


FIG. 9E

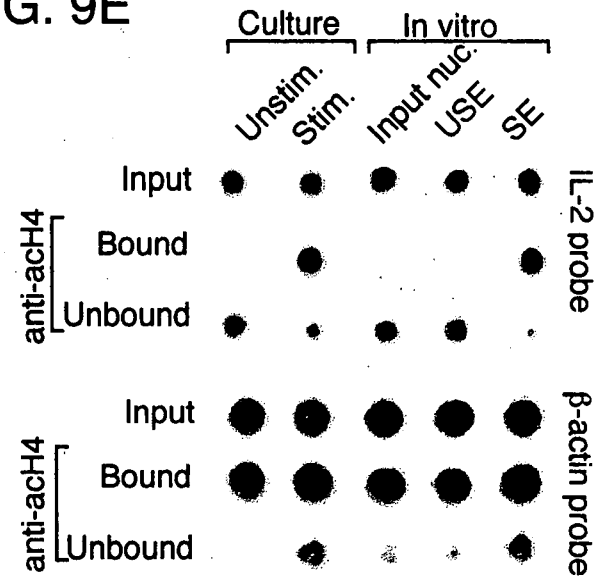


FIG. 10A

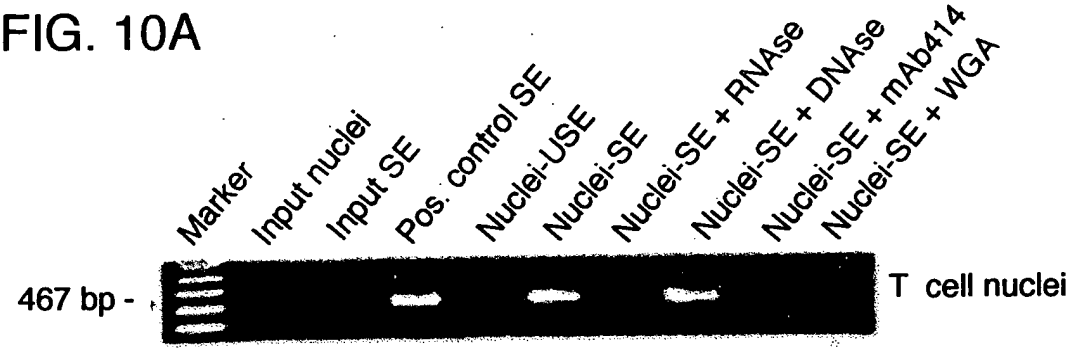


FIG. 10B

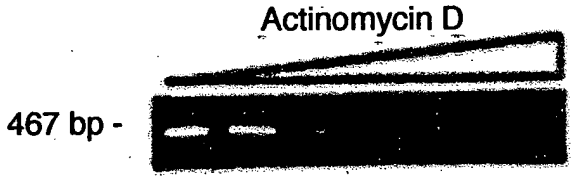


FIG. 10C

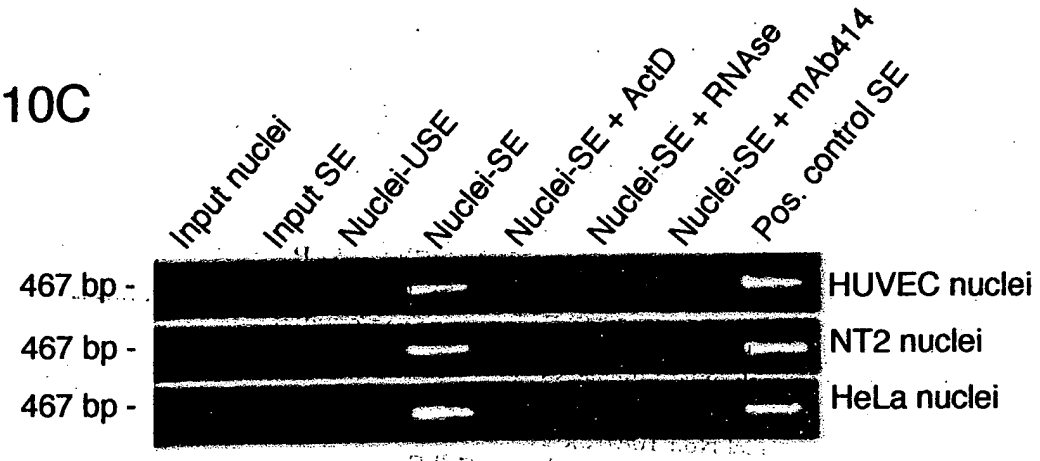


FIG. 10D

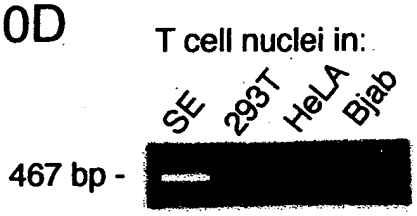


FIG. 11A

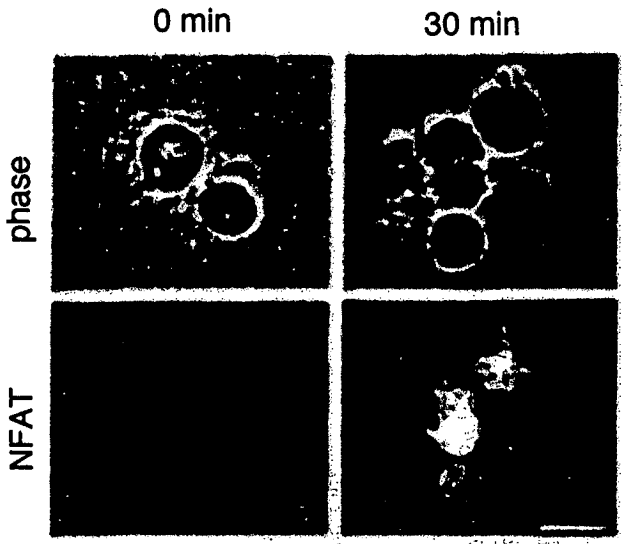


FIG. 11B

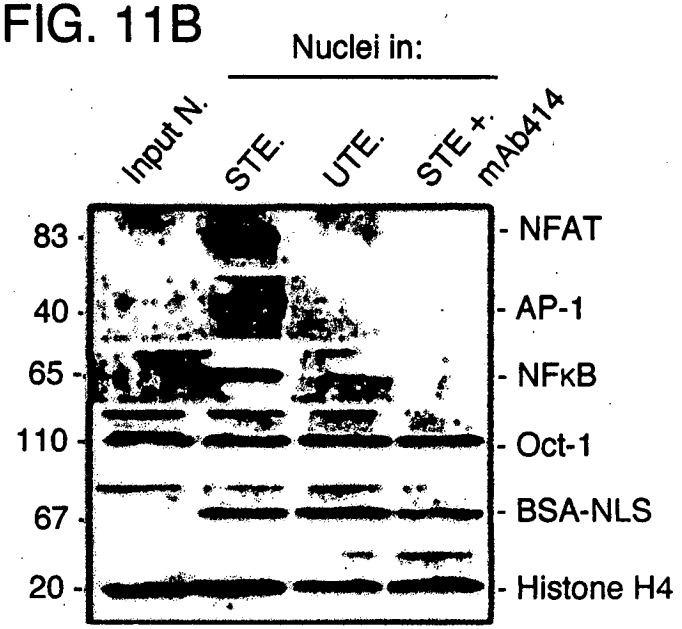


FIG. 11C

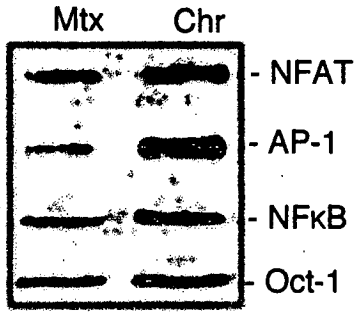


FIG. 12A

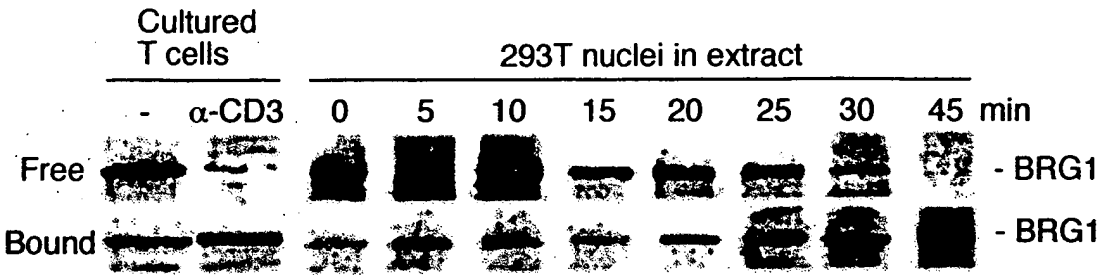


FIG. 12B

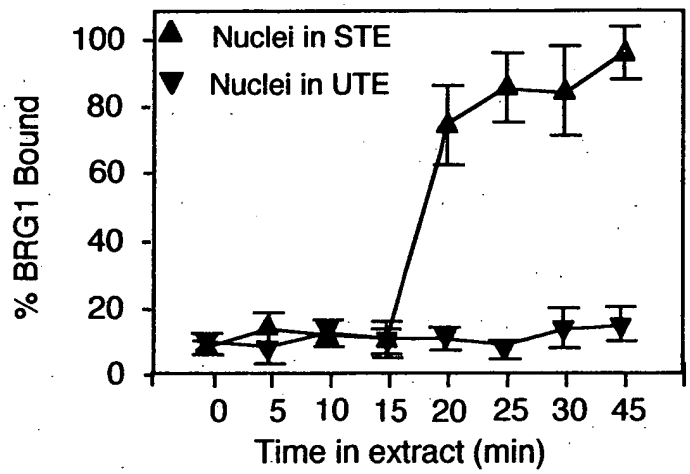


FIG. 12C

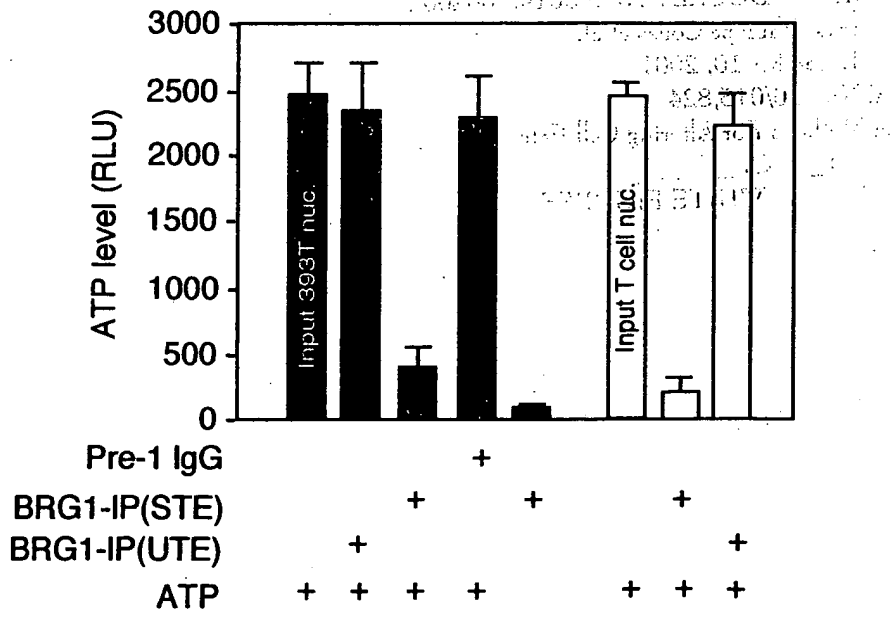


FIG. 12D

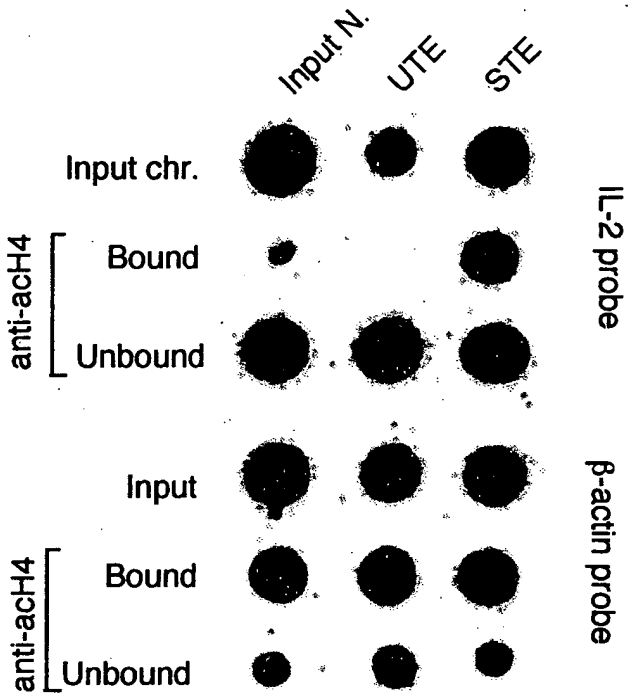


FIG. 12E

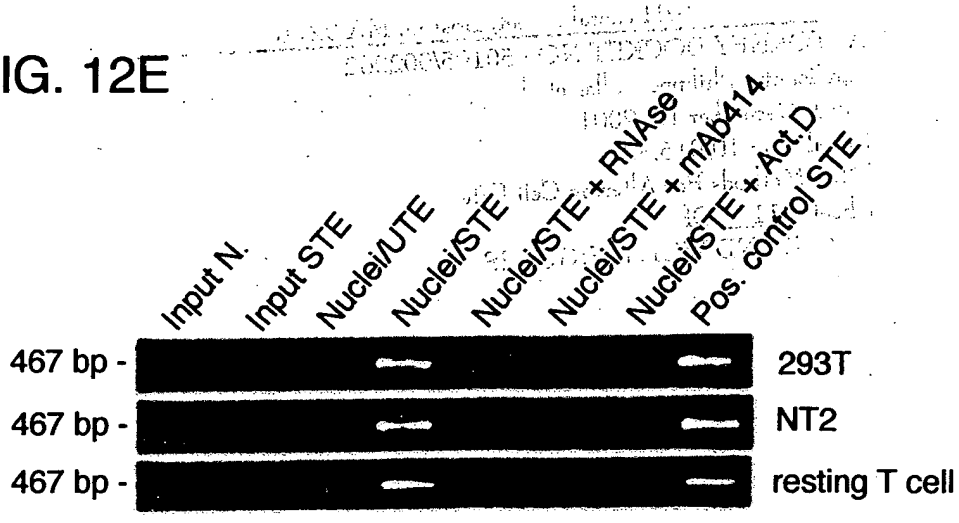


FIG. 13

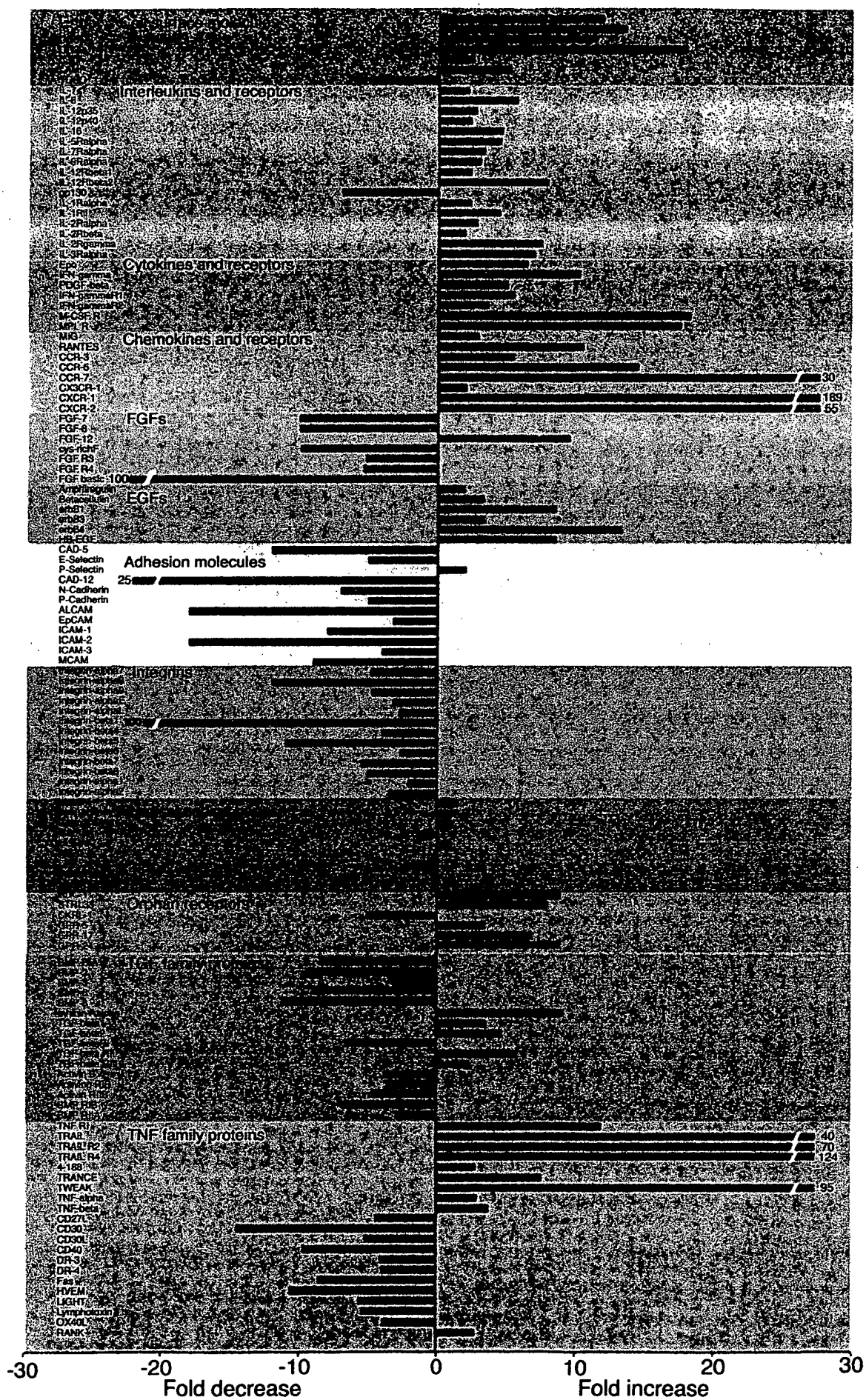

Interleukins and receptors
Cytokines and receptors
Chemokines and receptors
FGFs
EGFs
Adhesion molecules
Integrins
Orphan receptors
TNF family proteins
30
169
55
100
25
40
70
124
95
-30
-20
-10
0
10
20
30
Fold decrease
Fold increase

FIG. 14A

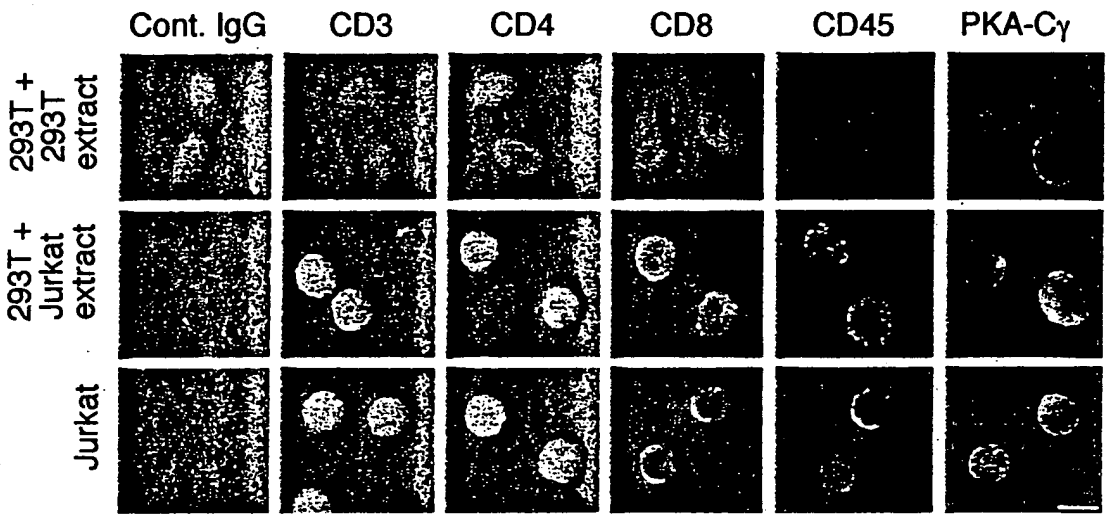


FIG. 14B

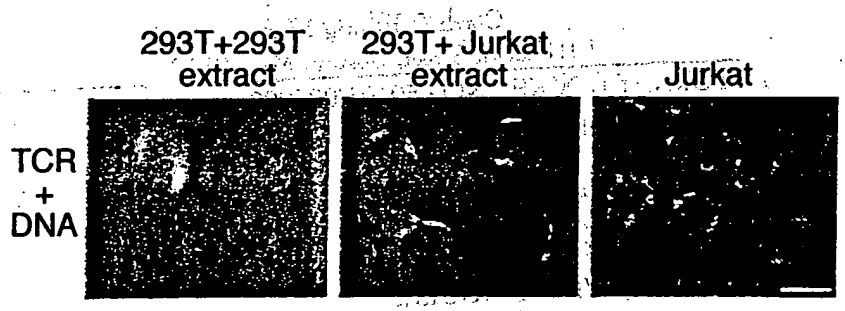


FIG. 14C

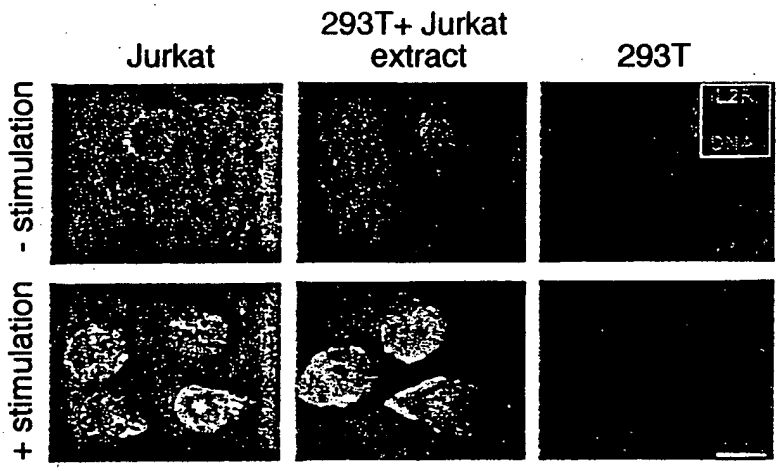


FIG. 15

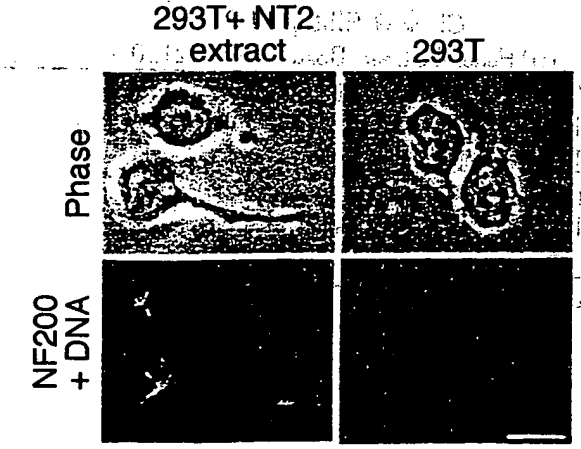


FIG. 16A

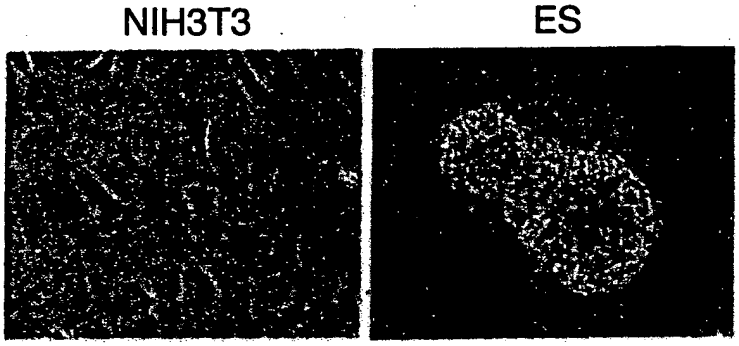


FIG. 16B

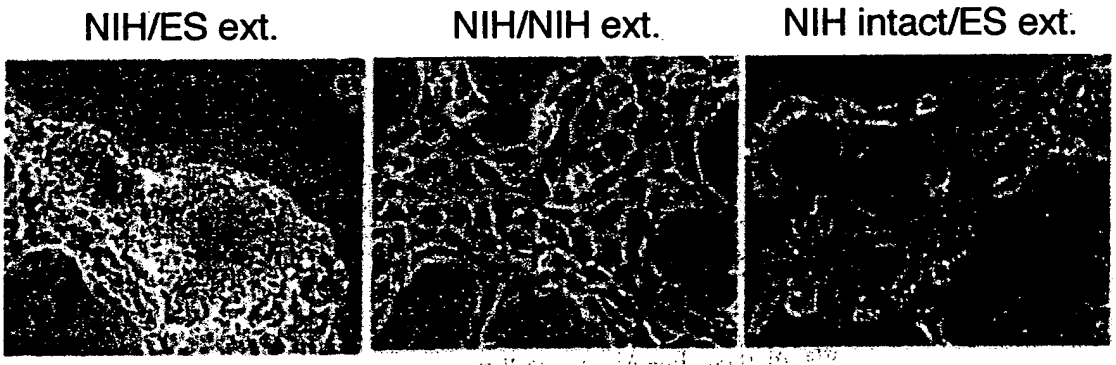


FIG. 17A

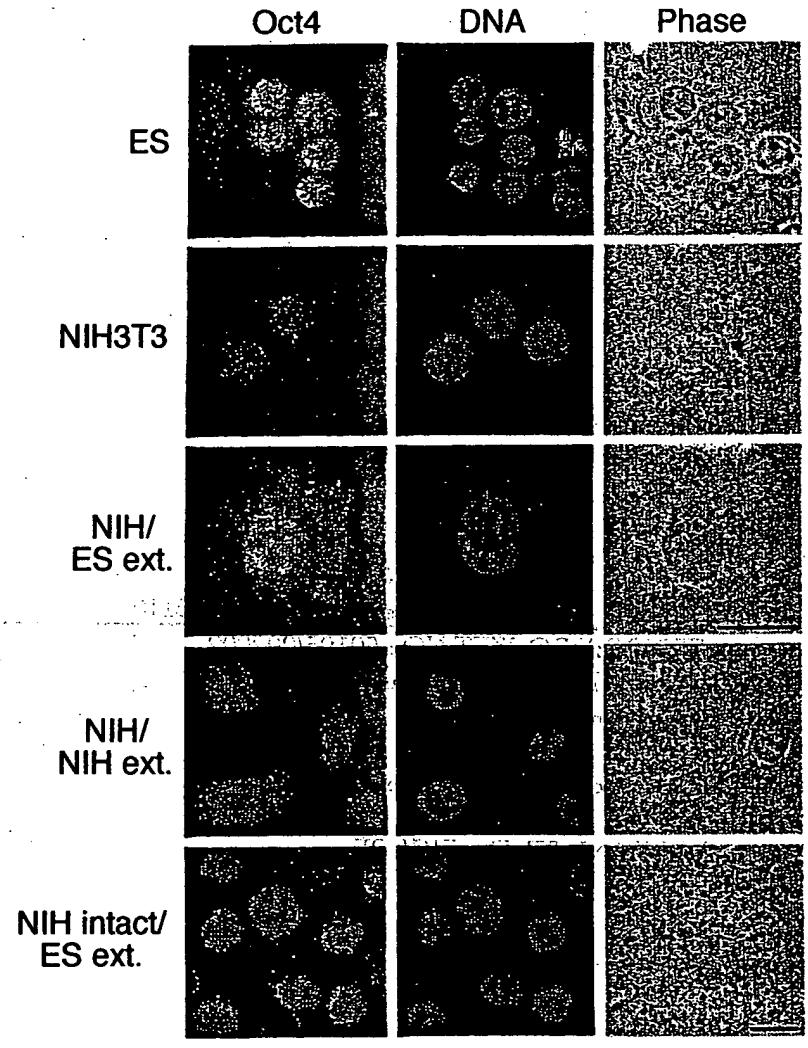

Oct4
DNA
Phase
ES
NIH3T3
NIH/
ES ext.
NIH/
NIH ext.
NIH intact/
ES ext.

FIG. 17B

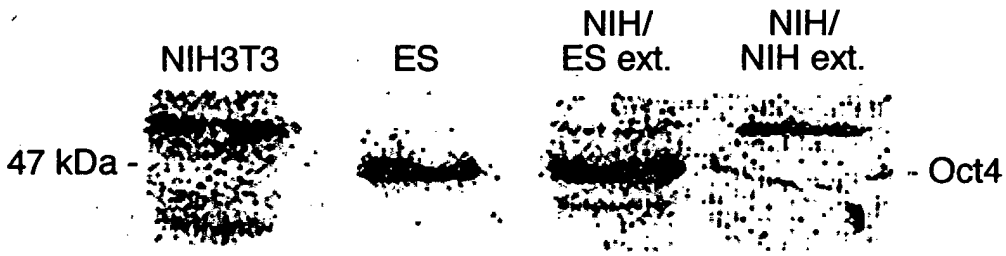


FIG. 18

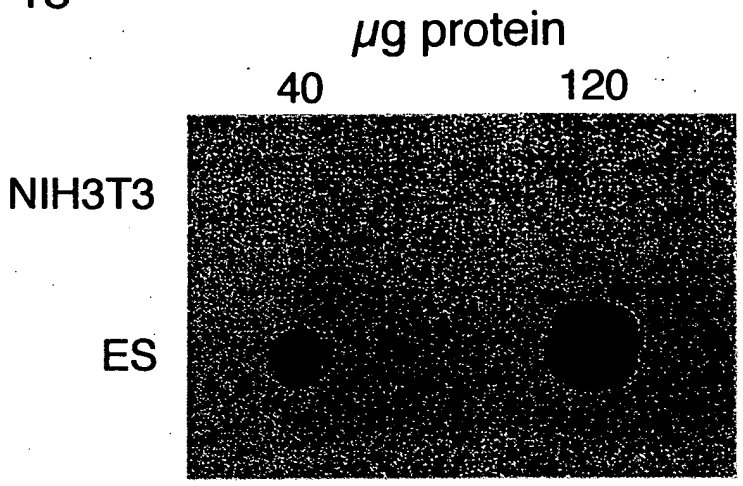
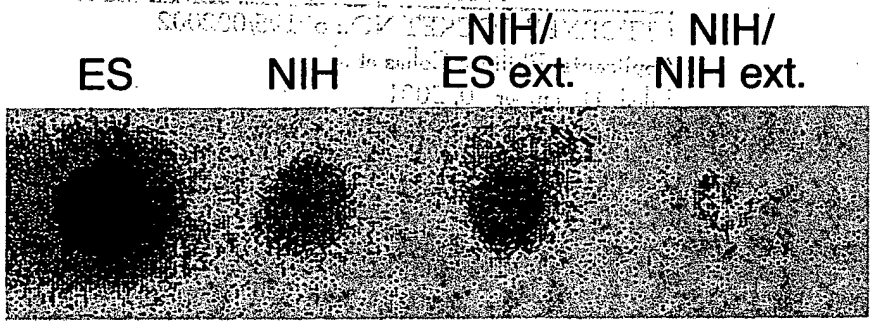


FIG. 19



Alkaline Phosphatase Assay

FIG. 13

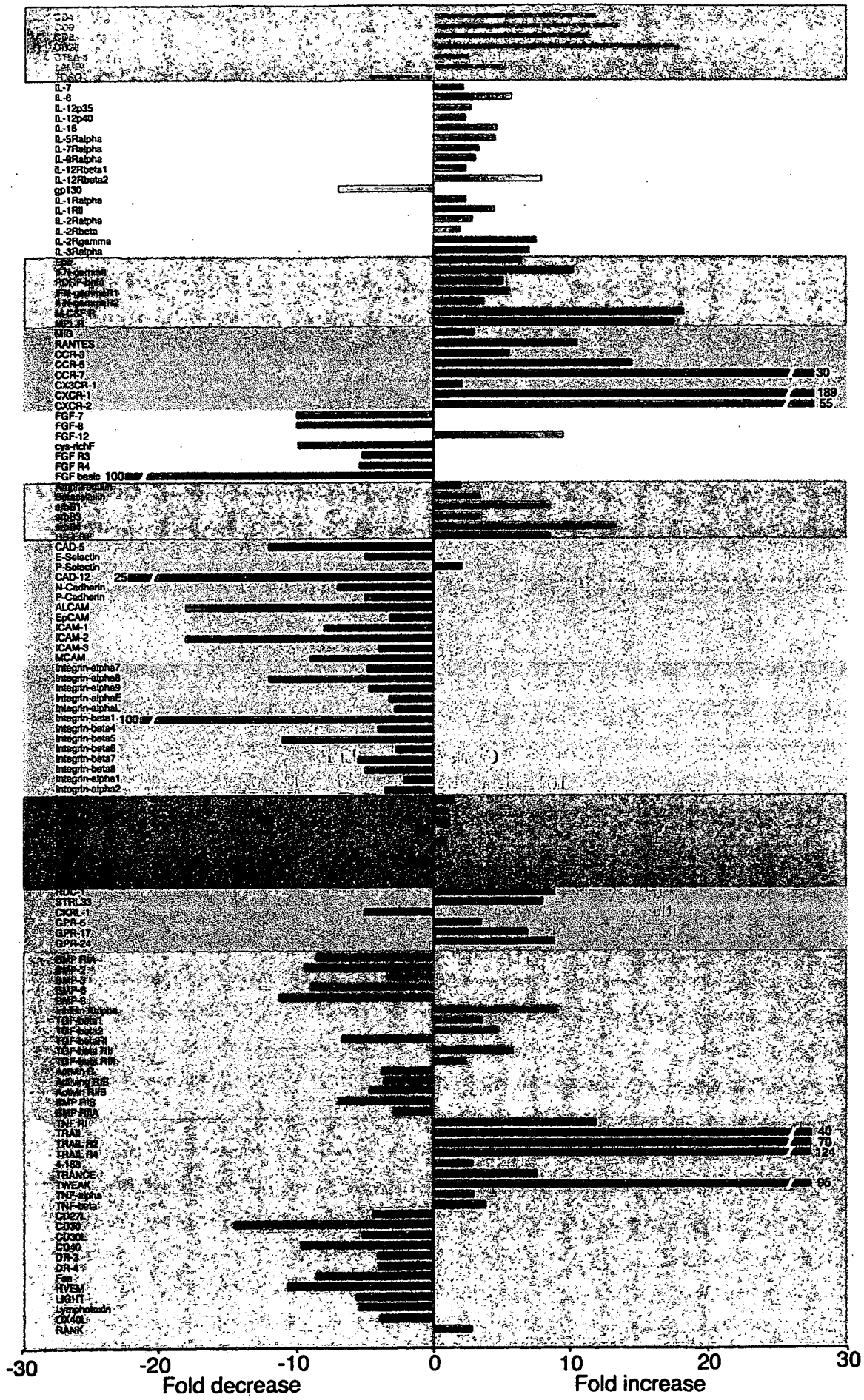

IL-7
IL-8
IL-12p35
IL-12p40
IL-15
IL-5Ralpha
IL-7Ralpha
IL-8Ralpha
IL-12Rbeta1
IL-12Rbeta2
gp130
IL-1Ralpha
IL-1RI
IL-2Ralpha
IL-2Rbeta
IL-2Rgamma
IL-3Ralpha
MIG
RANTES
CCR-3
CCR-5
CCR-7
CX3CR-1
CXCR-1
CXCR-2
FGF-7
FGF-8
FGF-12
cys-richF
FGF R3
FGF R4
FGF basic
CAD-5
E-Selectin
P-Selectin
CAD-12
N-Cadherin
P-Cadherin
ALCAM
EpCAM
ICAM-1
ICAM-2
ICAM-3
MCAM
Integrin-alpha7
Integrin-alpha8
Integrin-alpha9
Integrin-alphaE
Integrin-alphaL
Integrin-beta1
Integrin-beta4
Integrin-beta5
Integrin-beta6
Integrin-beta7
Integrin-beta8
Integrin-alpha1
Integrin-alpha2
STRL33
CKRL-1
GPR-5
GPR-17
GPR-24
TNF-RII
TRAIL
TRAIL-R2
TRAIL-R4
4-1BB
TRANCE
TWEAK
TNF-alpha
TNF-beta
CD27L
CD30
CD30L
CD40
DR-3
DR-4
Fas
HVEM
LIGHT
Lymphotoxin
OX40L
RANK
30
189
55
100
25
100
40
70
124
95
-30
-20
-10
0
10
20
30
Fold decrease
Fold increase

FIG. 13

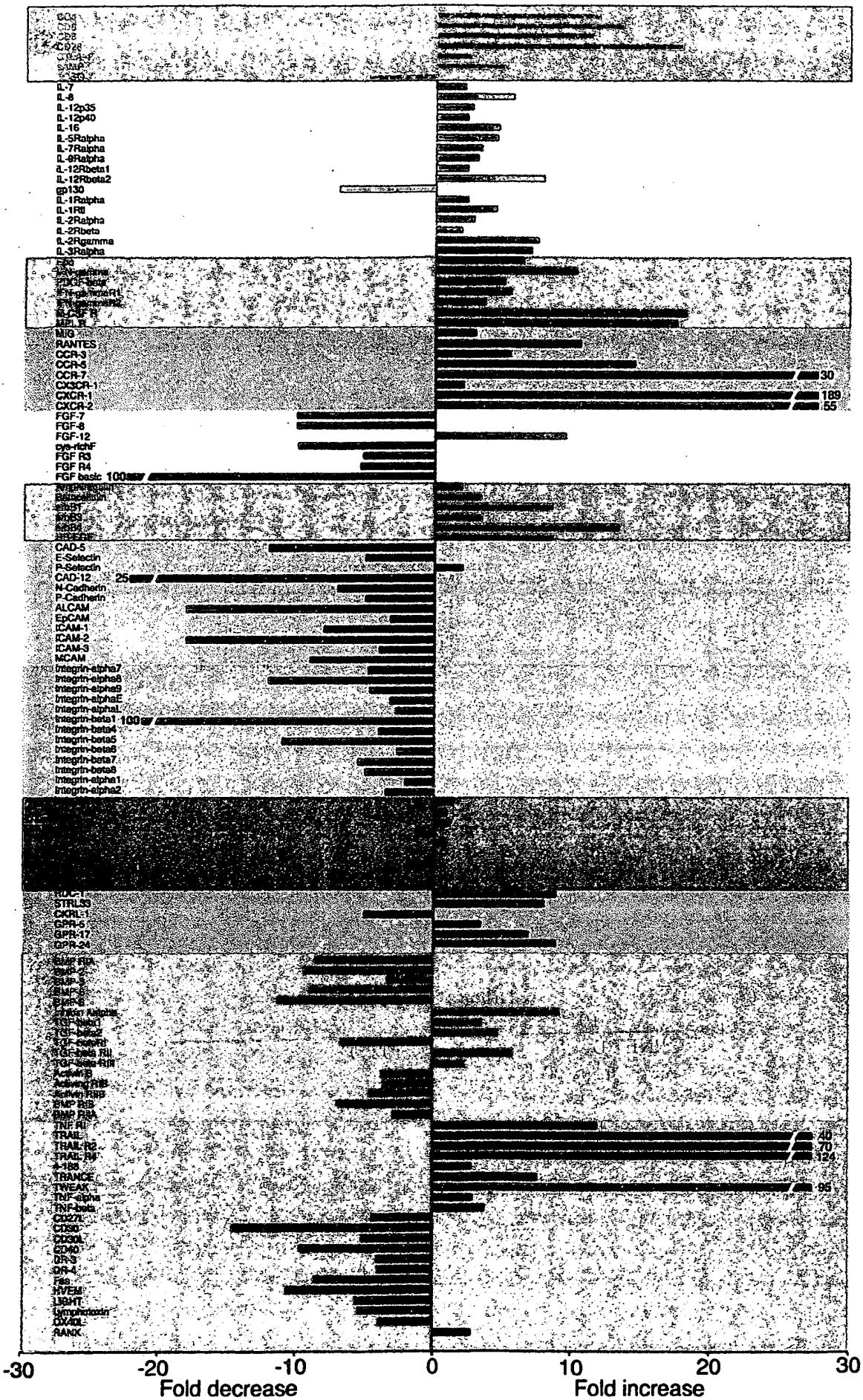

IL-7
IL-8
IL-12p35
IL-12p40
IL-16
IL-5Ralpha
IL-7Ralpha
IL-9Ralpha
IL-12Rbeta1
IL-12Rbeta2
gp130
IL-1Ralpha
IL-1Rll
IL-2Ralpha
IL-2Rbeta
IL-2Rgamma
IL-3Ralpha
MIG
RANTES
CCR-3
CCR-5
CCR-7
CXCR-1
CXCR-2
FGF-7
FGF-8
FGF-12
FGF R3
FGF R4
FGF basic 100
CAD-5
E-Selectin
P-Selectin
CAD-12
N-Cadherin
P-Cadherin
ALCAM
EpCAM
ICAM-1
ICAM-2
ICAM-3
MCAM
Integrin-alpha7
Integrin-alpha8
Integrin-alpha9
Integrin-alphaE
Integrin-alphaL
Integrin-beta1 100
Integrin-beta4
Integrin-beta5
Integrin-beta6
Integrin-beta7
Integrin-beta8
Integrin-alpha1
Integrin-alpha2
STRL33
CKRL-1
GPR-5
GPR-17
GPR-24
TGF-beta1
TGF-beta2
TNF Rll
TRAIL
TRAIL-R2
TRAIL-R3
4-1BB
TRANCE
TWEAK
TNF-alpha
TNF-beta
CD27L
CD30
CD30L
CD40
DR-3
DR-4
Fas
HVEM
LIGHT
lymphotoxin
OX40L
RANK
30
189
55
25
100
40
70
124
95
-30
-20
-10
0
10
20
30
Fold decrease
Fold increase

FIG. 13

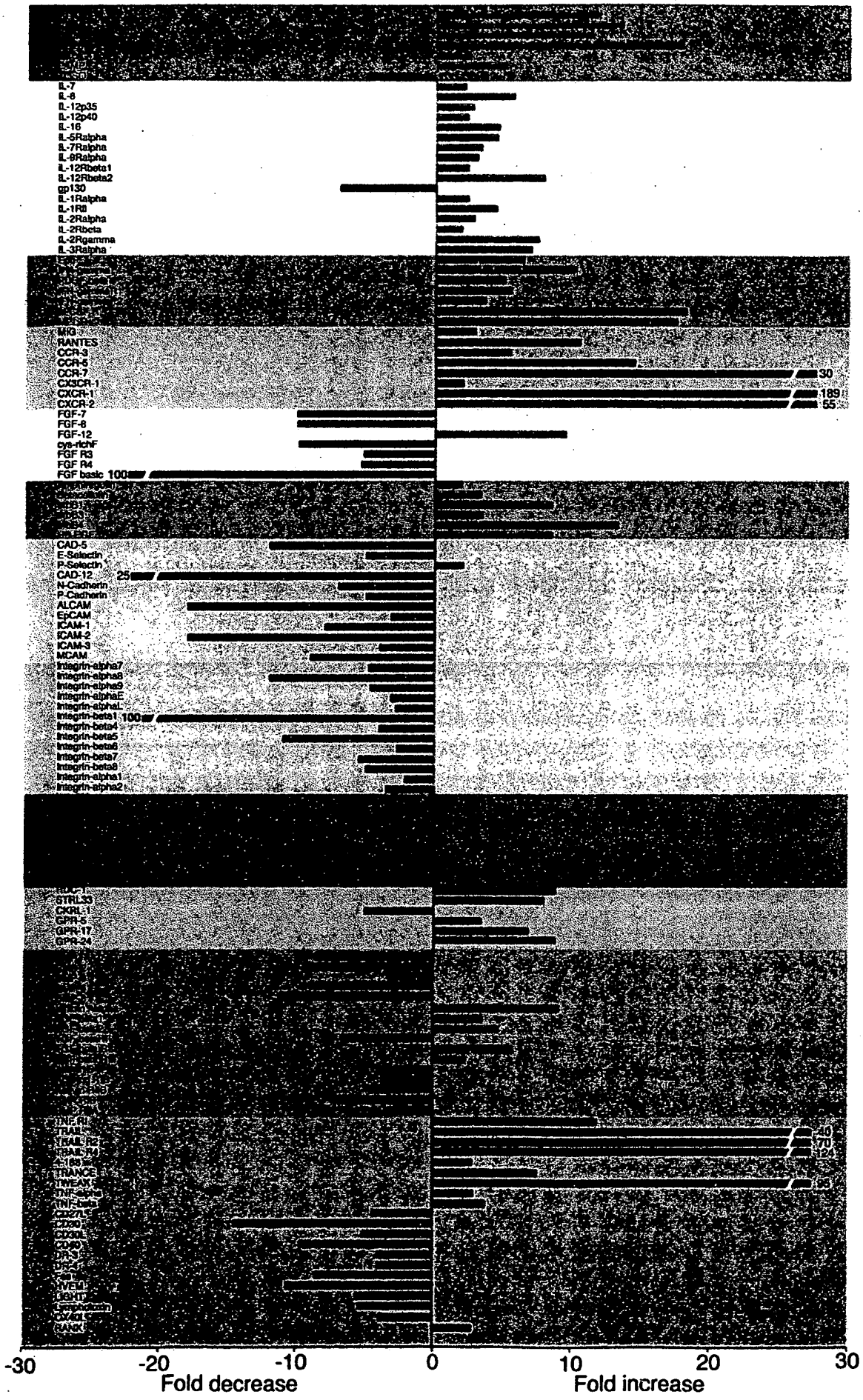

IL-7
IL-8
IL-12p35
IL-12p40
IL-16
IL-5Ralpha
IL-7Ralpha
IL-9Ralpha
IL-12Rbeta1
IL-12Rbeta2
gp130
IL-1Ralpha
IL-1R8
IL-2Ralpha
IL-2Rbeta
IL-2Rgamma
IL-3Ralpha
MIG
RANTES
CCR-3
CCR-5
CCR-7
CX3CR-1
CXCR-1
CXCR-2
FGF-7
FGF-8
FGF-12
cys-rich
FGF R3
FGF R4
FGF basic
CAD-5
E-Selectin
P-Selectin
CAD-12
N-Cadherin
P-Cadherin
ALCAM
EpCAM
ICAM-1
ICAM-2
ICAM-3
MCAM
Integrin-alpha7
Integrin-alpha8
Integrin-alpha9
Integrin-alphaE
Integrin-alphaL
Integrin-beta1
Integrin-beta4
Integrin-beta5
Integrin-beta6
Integrin-beta7
Integrin-beta8
Integrin-alpha1
Integrin-alpha2
GTRL33
CKRL-1
GPR-5
GPR-17
GPR-24
TRANCE
-30
-20
-10
0
10
20
30
Fold decrease
Fold increase

FIG. 14A

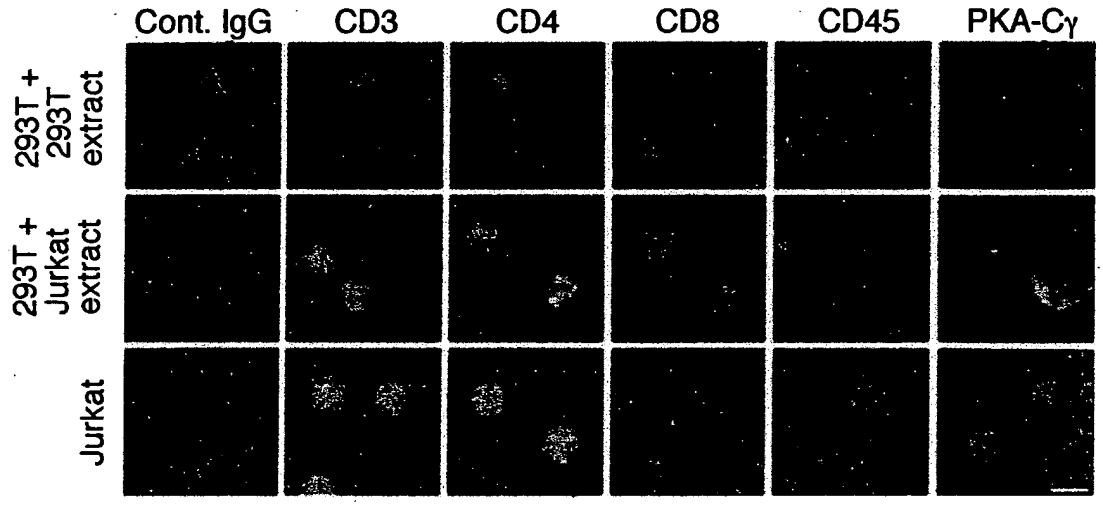


FIG. 14B

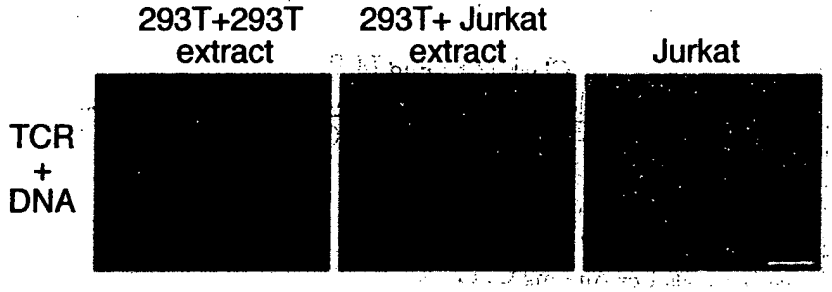


FIG. 14C

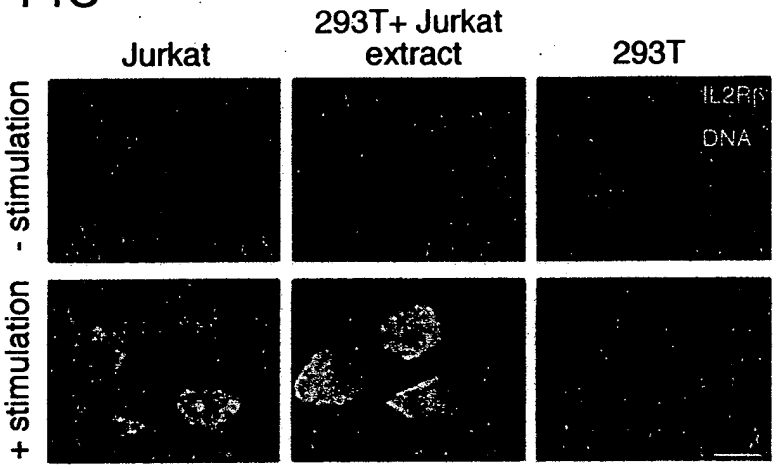


FIG. 15

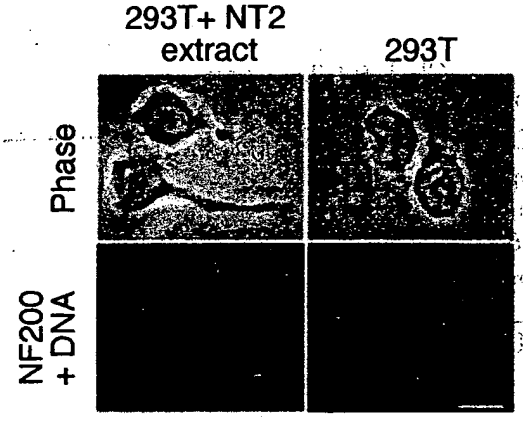


FIG. 14C

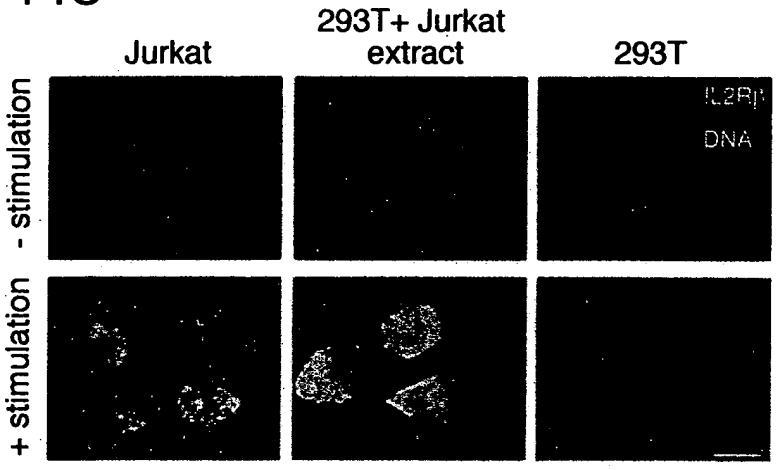


FIG. 15

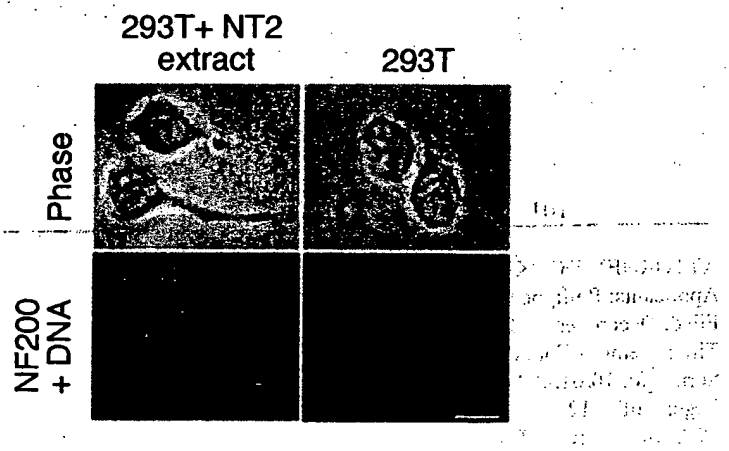


FIG. 17A

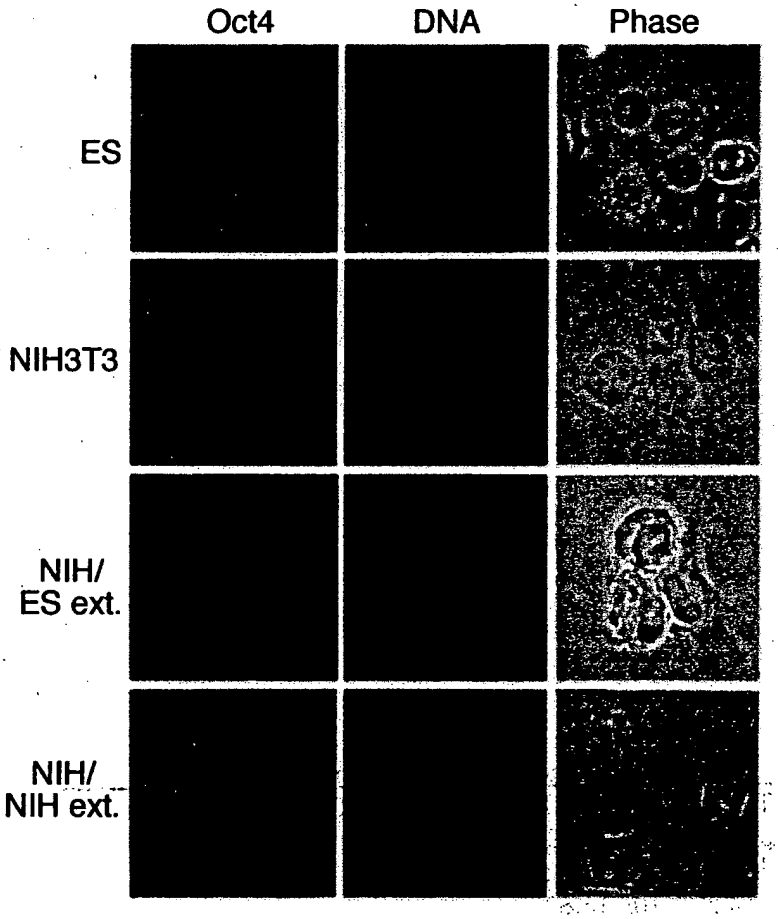


FIG. 17A